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Sequence Listing was accepted with existing errors.

See attached Validation Report.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Wed Jun 20 10:27:12 EDT 2007

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Application No: 10672302

Version No: 2.1

Input Set:

Output Set:

Started: 2007-06-20 10:26:44.839

Finished: 2007-06-20 10:26:46.205

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 366 ms

Total Warnings: 59

Total Errors: 0

No. of SeqIDs Defined: 92

Actual SeqID Count: 92

Error code	Error Description
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Input Set:

Output Set:

Started: 2007-06-20 10:26:44.839
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Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 366 ms
Total Warnings: 59
Total Errors: 0
No. of SeqIDs Defined: 92
Actual SeqID Count: 92

Error code

Error Description

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<110> MedImmune Vaccines, Inc.
Jin, Hong
Lu, Bin
Cheng, Xing
Zhou, Helen

<120> Functional Mutations in Respiratory Syncytial Virus

<130> 7682-132-999

<140> US 10/672,302

<141> 2003-09-26

<160> 92

<170> PatentIn version 3.1

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<220>

<223> PCR primer

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<210> 7
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Met Ile Glu Lys
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<211> 20
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<212> PRT
<213> Bovine respiratory syncytial virus

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Met Ile Glu Lys
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<210> 13
<211> 20
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Leu Ile Asn Ser
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<210> 14
<211> 20
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Leu Ile Glu Met
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20 25 30
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35 40 45
Ser Met Asp Lys Ser Ile Asp Thr Leu Ser Glu Ile Ser Gly Ala Ala
50 55 60
Glu Leu Asp Arg Thr Glu Glu Tyr Ala Leu Gly Val Val Gly Val Leu
65 70 75 80
Glu Ser Tyr Ile Gly Ser Ile Asn Asn Ile Thr Lys Gln Ser Ala Cys
85 90 95
Val Ala Met Ser Lys Leu Leu Thr Glu Leu Asn Ser Asp Asp Ile Lys
100 105 110
Lys Leu Arg Asp Asn Glu Glu Leu Asn Ser Pro Lys Ile Arg Val Tyr
115 120 125
Asn Thr Val Ile Ser Tyr Ile Glu Ser Asn Arg Lys Asn Asn Lys Gln
130 135 140
Thr Ile His Leu Leu Lys Arg Leu Pro Ala Asp Val Leu Lys Lys Thr
145 150 155 160
Ile Lys Asn Thr Leu Asp Ile His Lys Ser Ile Thr Ile Asn Asn Pro
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Thr Thr

<210> 20
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<212> PRT
<213> Pneumonia virus of mice

<400> 20

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			20					25					30		
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Leu	Asp	Thr	Asn	Thr	Asp	Ala	Met	Ser	Asp	Val	Ser	Gly	Phe	Asp	Ala
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Ser	Tyr	Leu	Glu	Lys	Thr	Asn	Asn	Ile	Thr	Lys	Ser	Ile	Ala	Cys	Gly
				85					90					95	
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			100					105						110	
Ala	Arg	Asp	Ser	Asn	Thr	Glu	Asp	Thr	Asn	Tyr	Leu	Arg	Ser	Cys	Asn
		115						120						125	
Thr	Ile	Leu	Ser	Tyr	Ile	Asp	Lys	Ile	His	Lys	Lys	Arg	Gln	Ile	Ile
	130					135						140			
His	Ile	Leu	Lys	Arg	Leu	Pro	Val	Gly	Val	Leu	Cys	Asn	Leu	Ile	Gln
145					150					155					160
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<400> 21

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Gly	Arg	Asn	Cys	Lys	Tyr	Ser	His	Lys	Tyr	Trp	Glu	Trp			
			20					25							

<210> 22

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<400> 22

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			20					25							

<210> 23

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<400> 23

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Gly	Arg	Asn	Cys	Lys	Tyr	Ser	His	Asn	Tyr	Trp	Glu	Trp			
			20					25							

<210> 24

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Gly	Arg	Asn	Cys	Lys	Tyr	Ser	His	Lys	Tyr	Trp	Glu	Trp			
			20					25							

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Gly	Arg	Asn	Cys	Lys	Tyr	Ser	His	Lys	Tyr	Trp	Glu	Trp			
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			20					25							

<210> 27
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<400> 27
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1 5 10 15
Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
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<400> 28
Met Ser Val Arg Pro Cys Lys Phe Glu Val Arg Gly Phe Cys Leu Arg
1 5 10 15
Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
20 25

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<400> 29
Met Ser Val Arg Pro Cys Lys Phe Glu Val Arg Gly Phe Cys Ser Asn
1 5 10 15
Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
20 25

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Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp

<210> 31

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1 5 10 15

Arg Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp

20 25 30

<210> 32

<211> 29

<212> PRT

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<400> 32

Met Ser Val Arg Pro Cys Lys Phe Glu Val Gln Gly Phe Cys Ser Arg

1 5 10 15

Gly Arg Arg Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp

20 25

<210> 33

<211> 29

<212> PRT

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<223> mutant of pneumonia virus of mice M2-1, N-terminal region

<400> 33

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Gly Arg Arg Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp

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<211> 30

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<400> 34

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Asn Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
 20 25 30

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Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
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Gly Arg Asn Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
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<210> 37
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<400> 37
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1 5 10 15
Gly Arg Arg Cys Lys Tyr Ser His Lys Tyr Trp Glu Trp
 20 25

<210> 38
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Gly	Arg	Asn	Cys	Lys	Tyr	Ser	His	Lys	Tyr	Trp	Glu	Trp			
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Gly	Arg	Arg	Cys	Lys	Tyr	Ser	His	Lys	Tyr	Trp	Glu	Trp			
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Asn	Gly	Lys	Arg	Cys	His	Phe	Ser	His	Asn	Tyr	Phe	Glu	Trp		
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Asn Gly Lys Asn Cys His Phe Ser His Asn Tyr Phe Glu Trp
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